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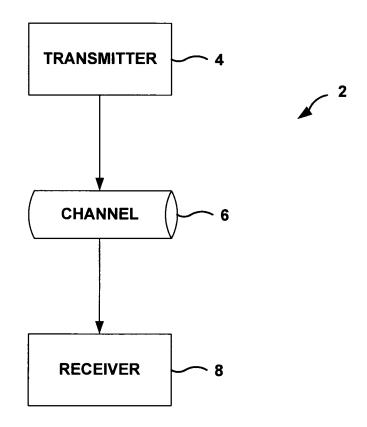
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TITLE: TIMING SYNCHRONIZATION USING DIRTY TEMPLATES IN ULTRA WIDEBAND (UWB) COMMUNICATIONS

ATTORNEY/AGENT: KENT J. SIEFFERT REG. NO. 41,312 TELEPHONE: 651.735.1100

DOCKET NO.: 1008-015US01 SHEET 1 OF 17



TITLE: TIMING SYNCHRONIZATION USING DIRTY TEMPLATES IN ULTRA WIDEBAND (UWB) COMMUNICATIONS

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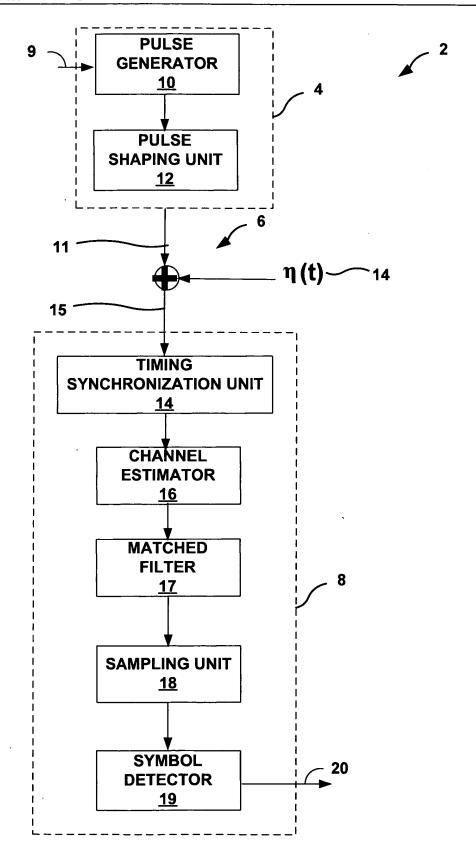
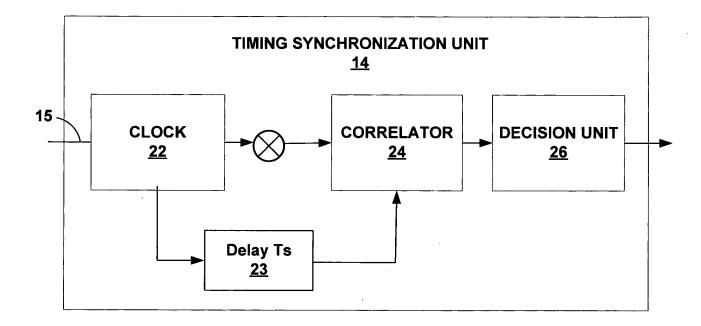


FIG. 2

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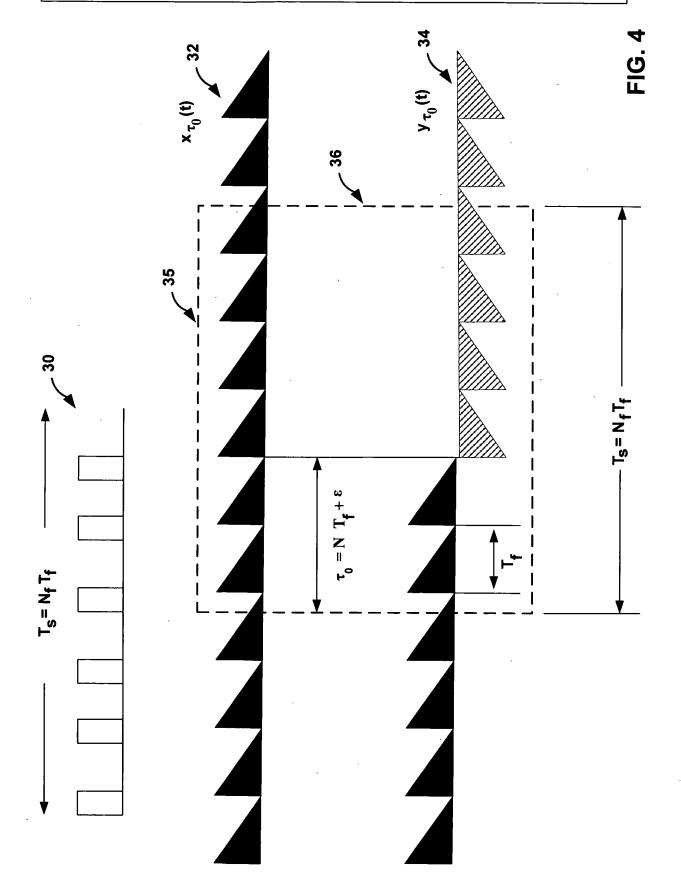
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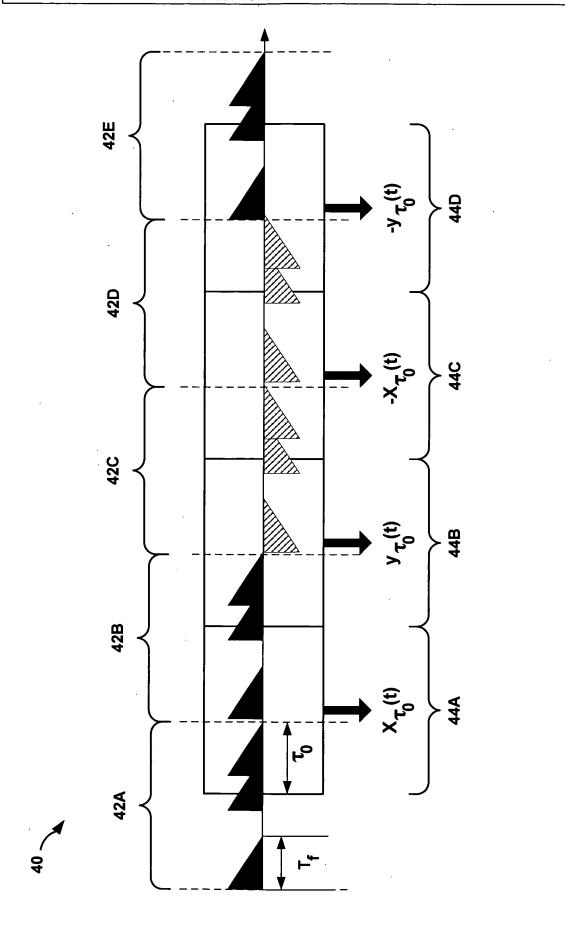


FIG. 5

APPLICANT: GEORGIOS B. GIANNAKIS ET AL. TITLE: TIMING SYNCHRONIZATION USING DIRTY TEMPLATES IN ULTRA WIDEBAND (UWB) COMMUNICATIONS ATTORNEY/AGENT: KENT J. SIEFFERT REG. NO. 41,312 TELEPHONE: 651.735.1100 DOCKET NO.: 1008-015US01 SHEET 6 OF 17 50 **52E** 26D 52D 58B **56C** 52C **56B** $\vdash_{\mathbf{o}}$

Po

52A

56A

APPLICANT: GEORGIOS B. GIANNAKIS ET AL.
TITLE: TIMING SYNCHRONIZATION USING DIRTY TEMPLATES IN ULTRA WIDEBAND (UWB) COMMUNICATIONS ATTORNEY/AGENT: KENT J. SIEFFERT
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52A

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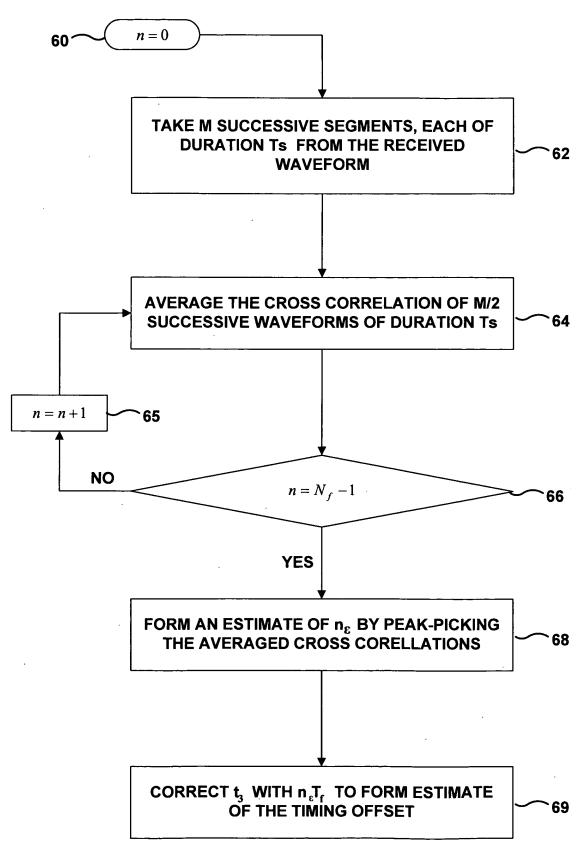


FIG. 9

APPLICANT: GEORGIOS B. GIANNAKIS ET AL.

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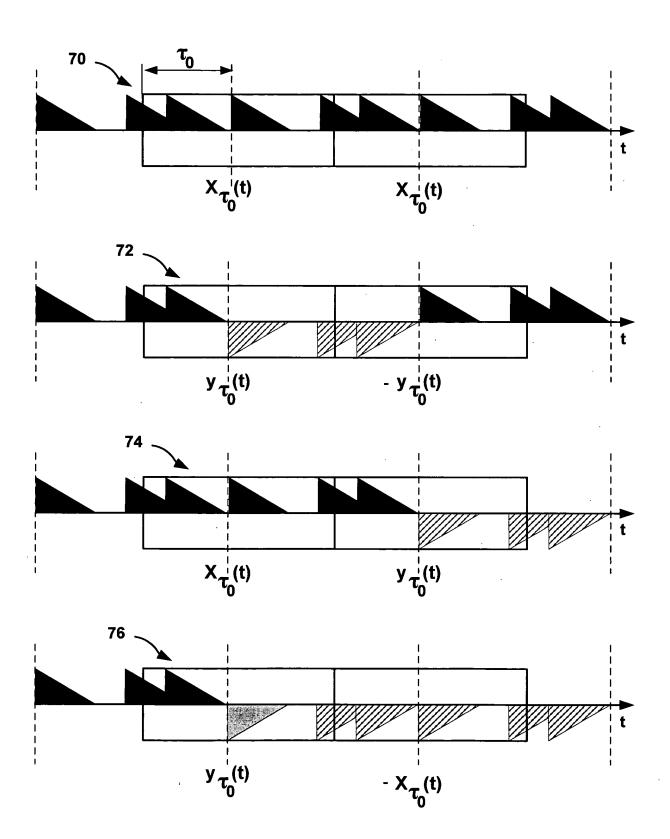
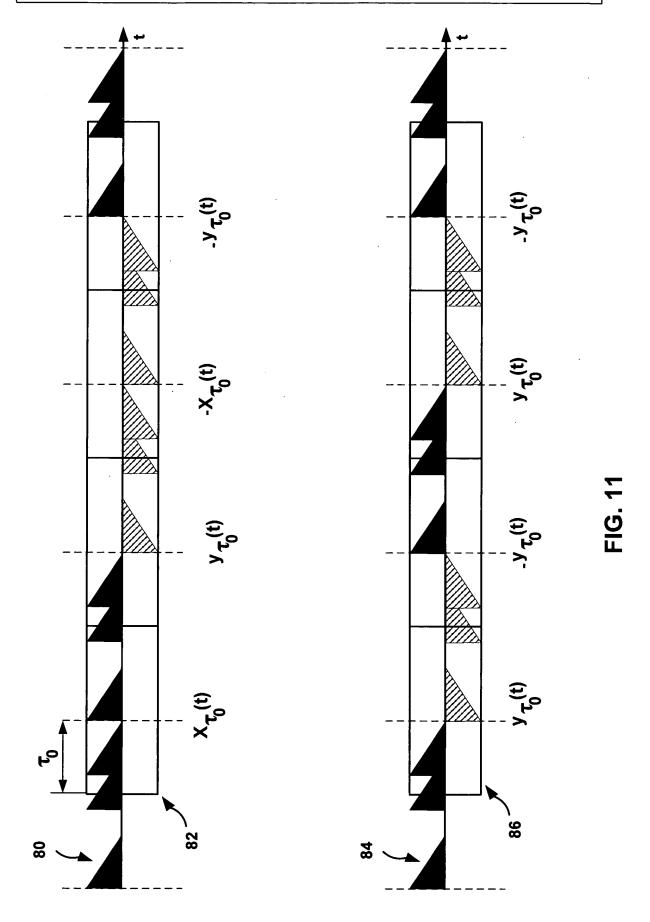


FIG. 10

APPLICANT: GEORGIOS B. GIANNAKIS ET AL.
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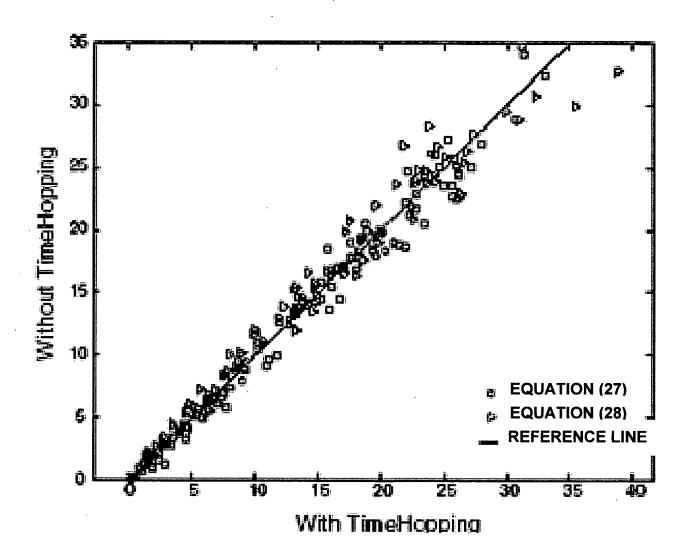


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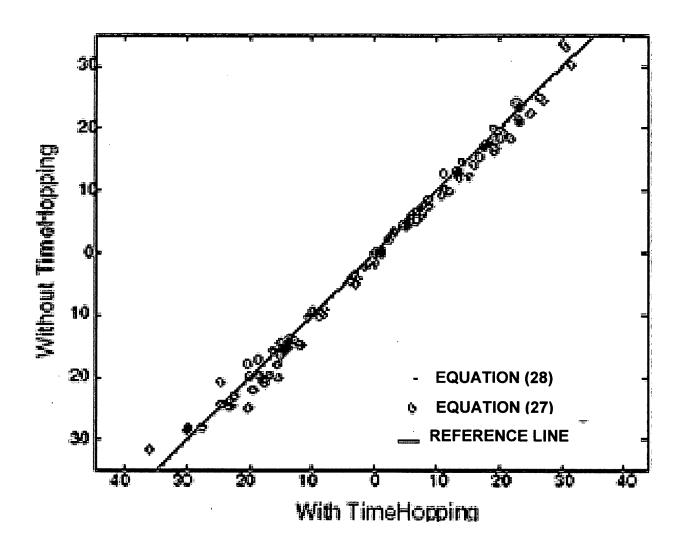


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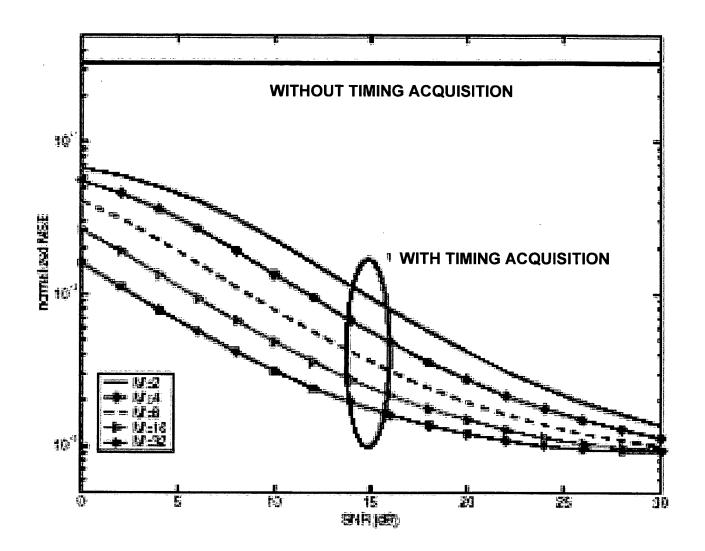
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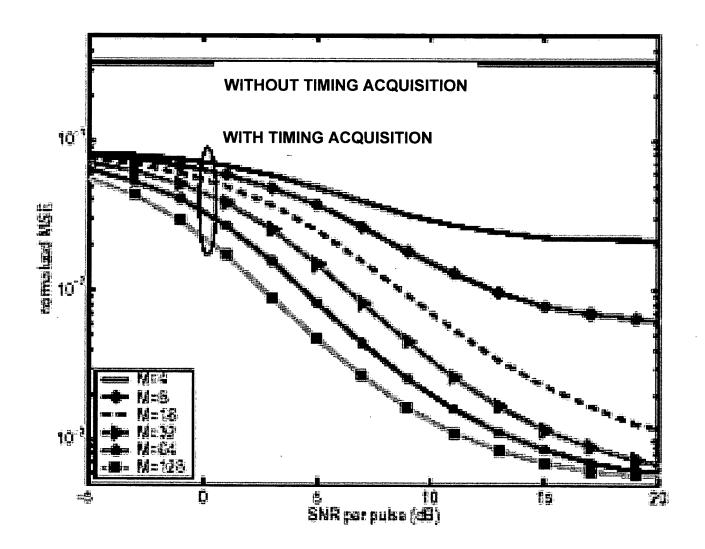
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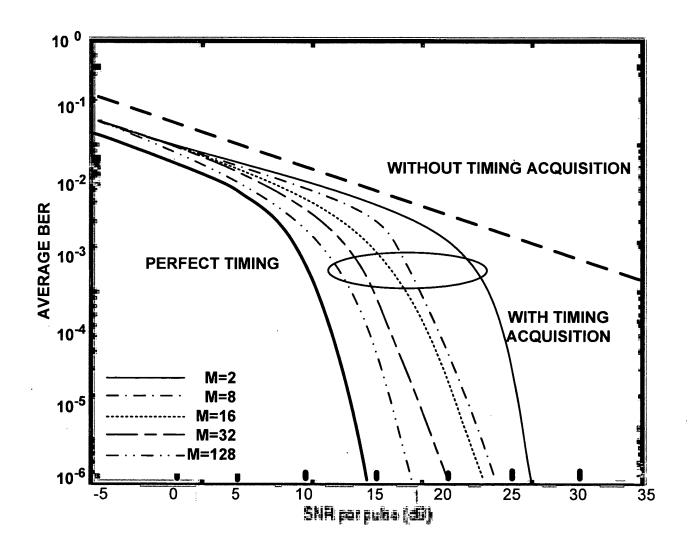
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